

DT 8728

-003



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
Fax 613 632-5246

**D2932-2BL**  
**Job Sheet 192101**



Part No: D2932-2BL

Job Qty: 3 pcs

Part Name: Saddle RH Out, 206



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 3/15/19

Job Tracking No:

Due Date: 4/19/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Ship Via:

### Bill of Materials

### Job Routing

| Op No | Operation                   | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier         |           | Sign-off     |
|-------|-----------------------------|-------|------------|----------|-----------|---------|-----------------------------|-----------|--------------|
|       |                             |       |            |          | Setup Hrs | Run Hrs | Workcenter / Supplier       | Lead Time |              |
| 100   | HAAS 4 Axis                 | 3 pcs | 4/19/19    |          | 0.40      | 4.54    | HAAS - 1                    |           |              |
|       |                             |       |            |          |           |         | HAAS - 2                    |           |              |
|       |                             |       |            |          |           |         | HAAS - 3                    |           | SBL 19/03/26 |
|       |                             |       |            |          |           |         | HAAS - 4                    |           |              |
| 110   | Conventional Mill - 1 - B4B | 3 pcs | 4/19/19    |          | 0.00      | 4.53    | Conventional Mill - 1 - B4B |           |              |
|       |                             |       |            |          |           |         | Conventional Mill - 2 - B4B |           | SBL 19/03/27 |
| 120   | <del>QC 1</del><br>QC2      | 3 pcs | 4/19/19    |          | 0.00      | 0.00    | QC 1 - 14                   |           |              |
|       |                             |       |            |          |           |         | QC 1 - 35                   |           |              |
|       |                             |       |            |          |           |         | QC 1 - 8                    |           |              |
|       |                             |       |            |          |           |         | <del>QC 1 - 9</del> QC2-57  |           | SBL 19/03/27 |
| 130   | QC 8.                       | 3 pcs | 4/19/19    |          | 0.00      | 0.00    | QC 8 - 12                   |           |              |
|       |                             |       |            |          |           |         | QC 8 - 14                   |           | SBL 19/03/27 |
|       |                             |       |            |          |           |         | QC 8 - 17                   |           |              |
|       |                             |       |            |          |           |         | QC 8 - 20                   |           |              |
|       |                             |       |            |          |           |         | QC 8 - 25                   |           |              |
|       |                             |       |            |          |           |         | QC 8 - 3                    |           |              |
|       |                             |       |            |          |           |         | QC 8 - 32                   |           |              |
|       |                             |       |            |          |           |         | QC 8 - 33                   |           |              |
|       |                             |       |            |          |           |         | QC 8 - 35                   |           |              |
|       |                             |       |            |          |           |         | QC 8 - 39                   |           |              |
|       |                             |       |            |          |           |         | QC 8 - 4                    |           |              |
|       |                             |       |            |          |           |         | QC 8 - 44                   |           |              |
|       |                             |       |            |          |           |         | QC 8 - 45                   |           |              |
|       |                             |       |            |          |           |         | QC 8 - 49                   |           |              |
|       |                             |       |            |          |           |         | QC 8 - 58                   |           |              |
|       |                             |       |            |          |           |         | QC 8 - 8                    |           |              |
|       |                             |       |            |          |           |         | QC 8 - 9                    |           |              |
|       |                             |       |            |          |           |         | QC 8 - 68                   |           |              |
|       |                             |       |            |          |           |         | QC 8 - 67                   |           |              |
|       |                             |       |            |          |           |         | QC 8 - 1 (A)                |           |              |
|       |                             |       |            |          |           |         | QC 8 - 47                   |           |              |
|       |                             |       |            |          |           |         |                             |           |              |



Container No: S166588



Part: D2932 - 2BL

Job No: 192101

Serial No/Batch: S166588

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
CANADA  
TEL.: 1 613 632-5200  
Email: sales@dartaero.com  
www.dartaero.com

Date: 03/26/19

Plex 3/15/19 2:38 PM Dart.lajeunesse.marie

Entered: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. \_\_\_\_\_

Route update only ☐

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |              |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------|--|
| Job: _____<br><br>Part No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/> | <b>DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/><br/>           Machining <input type="checkbox"/><br/>           Large Fab <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/><br/>           Small Fab <input type="checkbox"/><br/>           Finishing <input type="checkbox"/> </div> <div>           Eng. (Non-AW) <input type="checkbox"/><br/>           Prod. Eng. Coord. <input type="checkbox"/><br/>           Rec/Store/Packaging <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/><br/>           Water Jet <input type="checkbox"/><br/>           Supplier <input type="checkbox"/><br/>           Quality <input type="checkbox"/> </div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |              |  |
| Date :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Sequence #:                                                                                                                       | QTY Affected :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                        | MRB (QSI042) |  |
| Description Work Order Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Disposition            |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Completed By           |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Lead hand / Supervisor |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | QC / QA Coordinator    |              |  |
| <b>Root Cause</b><br><br><div style="display: flex; flex-direction: column; align-items: flex-start;"> <div>Operator <input type="checkbox"/></div> <div>Manufacturing Process <input type="checkbox"/></div> <div>Equip/Tooling <input type="checkbox"/></div> <div>Handling/Presservation <input type="checkbox"/></div> <div>Material <input type="checkbox"/></div> <div>Product Improvement <input type="checkbox"/></div> <div>Process Improvement <input type="checkbox"/></div> <div>Human Factors <input type="checkbox"/></div> </div> |                                                                                                                                   | <b>FAULT CATEGORY</b><br><br><div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input type="checkbox"/> Pressure/Forced<br/> <input type="checkbox"/> Bending<br/> <input type="checkbox"/> Crushing<br/> <input type="checkbox"/> Cracks<br/> <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist<br/> <input type="checkbox"/> Marks/Chatter<br/> <input type="checkbox"/> Mislabeled         </div> <div style="width: 50%;"> <input type="checkbox"/> Contamination<br/> <input type="checkbox"/> Misaligned/off center<br/> <input type="checkbox"/> BOM/Route<br/> <input type="checkbox"/> Broken/Damage/Defect<br/> <input type="checkbox"/> Incomplete/Unclear Instructions<br/> <input type="checkbox"/> Drill Holes<br/> <input type="checkbox"/> Fit/Function         </div> <div style="width: 50%;"> <input type="checkbox"/> Power Loss/Surge<br/> <input type="checkbox"/> Folio/Program<br/> <input type="checkbox"/> Grain Direction<br/> <input type="checkbox"/> Weld<br/> <input type="checkbox"/> Wrong Stock Pulled<br/> <input type="checkbox"/> Out of Sequence<br/> <input type="checkbox"/> Off-set/Set-up         </div> <div style="width: 50%;"> <input type="checkbox"/> Positioned Wrong<br/> <input type="checkbox"/> Outside Tolerance<br/> <input type="checkbox"/> Drawing<br/> <input type="checkbox"/> Finish<br/> <input type="checkbox"/> Part Lost/Missing<br/> <input type="checkbox"/> Misread         </div> </div> |                        |              |  |
| Other/Details:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |              |  |



|                                   |              |         |           |                                            |             |
|-----------------------------------|--------------|---------|-----------|--------------------------------------------|-------------|
|                                   |              |         |           | QC 8 - 40                                  |             |
| 140 Handfinish - 1-1 Chemical-B4B | 3 pcs        | 4/19/19 | 0.00 0.15 | Handfinish - 1 - 1 - B4B                   |             |
|                                   |              |         |           | Handfinish - 1 - 2 - B4B                   |             |
|                                   |              |         |           | Handfinish - 1 - 3 - B4B                   |             |
|                                   |              |         |           | Handfinish - 1 - 4 - B4B                   |             |
|                                   |              |         |           | Handfinish - 1 - 5 - B4B                   |             |
|                                   |              |         |           | Handfinish - 1 - 6 - B4B                   |             |
|                                   |              |         |           | Handfinish - 1 - 7 - B4B                   |             |
|                                   |              |         |           | Handfinish - 1 - 8 - B4B                   |             |
|                                   |              |         |           | Handfinish - 1 - 9 - B4B                   |             |
|                                   |              |         |           | Handfinish - 1 - 10 - B4B                  | DR 19/03/28 |
|                                   |              |         |           | Handfinish - 1 - 11 - B4B                  |             |
|                                   |              |         |           | Handfinish - 1 - 12 - B4B                  |             |
|                                   |              |         |           | Handfinish - 1 - 13 - B4B                  |             |
|                                   |              |         |           | Handfinish - 1 - 14 - B4B                  |             |
|                                   |              |         |           | Handfinish - 1 - 15 - B4B                  |             |
|                                   |              |         |           | Handfinish - 1 - 16 - B4B                  |             |
|                                   |              |         |           | Handfinish - 1 - 17 - B4B                  |             |
|                                   |              |         |           | Handfinish - 1 - 18 - B4B                  |             |
|                                   |              |         |           | Handfinish - 1 - 19 - B4B                  |             |
|                                   |              |         |           | Handfinish - 1 - 20 - B4B                  |             |
|                                   |              |         |           | Handfinish - 1 - 21 - B4B                  |             |
|                                   |              |         |           | Handfinish - 1 - 22 - B4B                  |             |
| 150 Outsource                     | N/A<br>3 pcs | 4/19/19 |           | ATE003-VC                                  |             |
| 155 Packaging 2-1 - Receive - B4B | 3 pcs        | 4/19/19 | 0.00 0.00 | Packaging 2 - 1 - B4B                      |             |
|                                   |              |         |           | Packaging 2 - 2 - B4B                      |             |
|                                   |              |         |           | Packaging 2 - 3 - B4B                      |             |
|                                   |              |         |           | Packaging 2 - 5 - B4B                      |             |
|                                   |              |         |           | Packaging 2 - 4 - B4B                      |             |
|                                   |              |         |           | Packaging 2 - 6 - B4B                      |             |
|                                   |              |         |           | Packaging 2 - 7 - B4B                      |             |
|                                   |              |         |           | Packaging 2 - 8 - B4B                      |             |
|                                   |              |         |           | Packaging 2 - 9 - B4B                      |             |
|                                   |              |         |           | Packaging 2 - 10 - B4B                     |             |
|                                   |              |         |           | Packaging 2 - 11 - B4B                     |             |
|                                   |              |         |           | Packaging 2 - 12 - B4B                     |             |
|                                   |              |         |           | Packaging 2 - 13 - B4B                     |             |
|                                   |              |         |           | Packaging 2 - 14 - B4B                     |             |
|                                   |              |         |           | Packaging 2 - 15 - B4B                     |             |
|                                   |              |         |           | Packaging 2 - 16 - B4B                     |             |
|                                   |              |         |           | Packaging 2 - 17 - B4B                     |             |
|                                   |              |         |           | Packaging 2 - 18 - B4B                     |             |
|                                   |              |         |           | Packaging 2 - 19 - B4B                     |             |
|                                   |              |         |           | Packaging 2 - 20 - B4B                     |             |
|                                   |              |         |           | Packaging 2 - 21 - B4B                     |             |
|                                   |              |         |           | Packaging 2 - 22 - B4B                     |             |
|                                   |              |         |           | Packaging 2 - 23 - B4B                     |             |
|                                   |              |         |           | Packaging 2 - 24 - B4B                     |             |
|                                   |              |         |           | Packaging 2 - 25 - B4B                     |             |
|                                   |              |         |           | Packaging 2 - 26 - B4B                     |             |
|                                   |              |         |           | Packaging 2 - 27 - B4B                     |             |
|                                   |              |         |           | Packaging 2 - 28 - B4B                     |             |
|                                   |              |         |           | Packaging 2 - 29 - B4B                     |             |
|                                   |              |         |           | Packaging 2 - 30 - B4B                     |             |
|                                   |              |         |           | Packaging 2 - 31 - B4B                     |             |
|                                   |              |         |           | Packaging 2 - 32 - B4B                     |             |
|                                   |              |         |           | Packaging 2 - 33 - B4B                     |             |
|                                   |              |         |           | Packaging 2 - 34 - B4B                     |             |
| 156 Spray Paint                   |              |         |           | Plex 3/15/19 2:38 PM Dart.lajeunesse.marie |             |

D.R 19/03/28

N/A

N/A

156 Spray Paint

Plex 3/15/19 2:38 PM Dart.lajeunesse.marie

RD 19-4-20

Entered: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. \_\_\_\_\_

Route update only ☐

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                               |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------|--|
| Job: _____<br><br>Part No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/> | <b>DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/><br/>           Machining <input type="checkbox"/><br/>           Large Fab <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/><br/>           Small Fab <input type="checkbox"/><br/>           Finishing <input type="checkbox"/> </div> <div>           Eng. (Non-AW) <input type="checkbox"/><br/>           Prod. Eng. Coord. <input type="checkbox"/><br/>           Rec/Store/Packaging <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/><br/>           Water Jet <input type="checkbox"/><br/>           Supplier <input type="checkbox"/><br/>           Quality <input type="checkbox"/> </div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                               |  |
| Date : _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Sequence #: _____                                                                                                                 | QTY Affected : _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | MRB (QSI042)                  |  |
| <b>Description Work Order Deviation</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                   | <b>Disposition</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | <b>Completed By</b>           |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | <b>Lead hand / Supervisor</b> |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                               |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | <b>QC / QA Coordinator</b>    |  |
| <b>Root Cause</b><br><br><div style="display: flex; flex-direction: column;"> <div>Operator <input type="checkbox"/></div> <div>Manufacturing Process <input type="checkbox"/></div> <div>Equip/Tooling <input type="checkbox"/></div> <div>Handling/Presservation <input type="checkbox"/></div> <div>Material <input type="checkbox"/></div> <div>Product Improvement <input type="checkbox"/></div> <div>Process Improvement <input type="checkbox"/></div> <div>Human Factors <input type="checkbox"/></div> </div> |                                                                                                                                   | <b>FAULT CATEGORY</b><br><br><div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input type="checkbox"/> Pressure/Forced<br/> <input type="checkbox"/> Bending<br/> <input type="checkbox"/> Crushing<br/> <input type="checkbox"/> Cracks<br/> <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist<br/> <input type="checkbox"/> Marks/Chatter<br/> <input type="checkbox"/> Mislabeled         </div> <div style="width: 50%;"> <input type="checkbox"/> Contamination<br/> <input type="checkbox"/> Misaligned/off center<br/> <input type="checkbox"/> BOM/Route<br/> <input type="checkbox"/> Broken/Damage/Defect<br/> <input type="checkbox"/> Incomplete/Unclear Instructions<br/> <input type="checkbox"/> Drill Holes<br/> <input type="checkbox"/> Fit/Function         </div> <div style="width: 50%;"> <input type="checkbox"/> Power Loss/Surge<br/> <input type="checkbox"/> Folio/Program<br/> <input type="checkbox"/> Grain Direction<br/> <input type="checkbox"/> Weld<br/> <input type="checkbox"/> Wrong Stock Pulled<br/> <input type="checkbox"/> Out of Sequence<br/> <input type="checkbox"/> Off-set/Set-up         </div> <div style="width: 50%;"> <input type="checkbox"/> Positioned Wrong<br/> <input type="checkbox"/> Outside Tolerance<br/> <input type="checkbox"/> Drawing<br/> <input type="checkbox"/> Finish<br/> <input type="checkbox"/> Part Lost/Missing<br/> <input type="checkbox"/> Misread         </div> </div> |  |                               |  |
| Other/Details:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                               |  |



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           |                        |                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|-----------|------------------------|------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | Packaging 2 - 35 - B4B |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | Packaging 2 - 36 - B4B |                  |
| 160 QC 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3 pcs | 4/19/19 | 0.00 0.00 | QC 14 - 15             |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | QC 14 - 2              |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | QC 14 - 34             |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | QC 14 - 41             |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | QC 14 - 51             |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | QC 14 - 58             |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | QC 14 - 59             |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | QC 14 - 9              |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | QC 14 - 68             |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | QC 14 - 40             | DAS 40           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | QC 14 - 19             | APR 22 2019 9-89 |
| 170 Packaging 3-1 - Stock - B4B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 3 pcs | 4/19/19 | 0.00 0.00 | Packaging 3 - 1 - B4B  |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | Packaging 3 - 2 - B4B  |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | Packaging 3 - 3 - B4B  |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | Packaging 3 - 4 - B4B  |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | Packaging 3 - 5 - B4B  |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | Packaging 3 - 6 - B4B  |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | Packaging 3 - 7 - B4B  |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | Packaging 3 - 8 - B4B  |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | Packaging 3 - 9 - B4B  |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | Packaging 3 - 10 - B4B |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | Packaging 3 - 11 - B4B |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | Packaging 3 - 12 - B4B |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | Packaging 3 - 13 - B4B |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | Packaging 3 - 14 - B4B |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | Packaging 3 - 15 - B4B |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | Packaging 3 - 16 - B4B |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | Packaging 3 - 17 - B4B |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | Packaging 3 - 18 - B4B |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | Packaging 3 - 19 - B4B |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | Packaging 3 - 20 - B4B |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | Packaging 3 - 21 - B4B |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | Packaging 3 - 22 - B4B |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | Packaging 3 - 23 - B4B |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | Packaging 3 - 24 - B4B |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | Packaging 3 - 25 - B4B |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | Packaging 3 - 26 - B4B |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | Packaging 3 - 27 - B4B | ST APR 23 2019   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | Packaging 3 - 28 - B4B |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | Packaging 3 - 29 - B4B |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | Packaging 3 - 30 - B4B |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | Packaging 3 - 31 - B4B |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | Packaging 3 - 32 - B4B |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | Packaging 3 - 33 - B4B |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | Packaging 3 - 34 - B4B |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | Packaging 3 - 35 - B4B |                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | Packaging 3 - 36 - B4B |                  |
| 180 QC 21 - SA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3 pcs | 4/19/19 | 0.00 0.00 | QC 21 - SA - 21        | DAS              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | QC 21 - SA - 70        | 21               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |         |           | QC 21 - SA - 53        | 9-89 APR 23 2019 |
| Part Op 100 - (HAAS CNC Vertical Machine) Program part number and batch number.<br>Descriptions: 110 - (Manufacture as per dwg) Machine Keyway and inspect per attached dimension sheet<br>120 - (QC1- Inspection performed by CMM)<br>130 - (QC8- Inspect parts - second check)<br>140 - (Chemical Conversion Coat per QSI005 4.1)<br>150 - ***MASK ALL HOLES AS PAR16-484*** SPRAY PAINT BLEU <i>Par 16-484 S171337 / QSI005 4.1 / QSI005 4.1</i><br>155 - (Receive & Inspect for Damage & Mat'l Certs)<br>160 - (QC14- Inspect Spray Paint) |       |         |           |                        |                  |

Entered: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. \_\_\_\_\_

Route update only ☐

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |              |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------|--|
| Job: _____<br><br>Part No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/> | <b>DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/><br/>           Machining <input type="checkbox"/><br/>           Large Fab <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/><br/>           Small Fab <input type="checkbox"/><br/>           Finishing <input type="checkbox"/> </div> <div>           Eng. (Non-AW) <input type="checkbox"/><br/>           Prod. Eng. Coord. <input type="checkbox"/><br/>           Rec/Store/Packaging <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/><br/>           Water Jet <input type="checkbox"/><br/>           Supplier <input type="checkbox"/><br/>           Quality <input type="checkbox"/> </div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |              |  |
| Date :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Sequence #:                                                                                                                       | QTY Affected :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                        | MRB (QSI042) |  |
| <b>Description Work Order Deviation</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Disposition</b>     |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Completed By           |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Lead hand / Supervisor |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | QC / QA Coordinator    |              |  |
| <b>Root Cause</b><br><br><div style="display: flex; flex-direction: column;"> <div>Operator <input type="checkbox"/></div> <div>Manufacturing Process <input type="checkbox"/></div> <div>Equip/Tooling <input type="checkbox"/></div> <div>Handling/Presservation <input type="checkbox"/></div> <div>Material <input type="checkbox"/></div> <div>Product Improvement <input type="checkbox"/></div> <div>Process Improvement <input type="checkbox"/></div> <div>Human Factors <input type="checkbox"/></div> </div> |                                                                                                                                   | <b>FAULT CATEGORY</b><br><br><div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input type="checkbox"/> Pressure/Forced<br/> <input type="checkbox"/> Bending<br/> <input type="checkbox"/> Crushing<br/> <input type="checkbox"/> Cracks<br/> <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist<br/> <input type="checkbox"/> Marks/Chatter<br/> <input type="checkbox"/> Mislabeled         </div> <div style="width: 50%;"> <input type="checkbox"/> Contamination<br/> <input type="checkbox"/> Misaligned/off center<br/> <input type="checkbox"/> BOM/Route<br/> <input type="checkbox"/> Broken/Damage/Defect<br/> <input type="checkbox"/> Incomplete/Unclear Instructions<br/> <input type="checkbox"/> Drill Holes<br/> <input type="checkbox"/> Fit/Function         </div> <div style="width: 50%;"> <input type="checkbox"/> Power Loss/Surge<br/> <input type="checkbox"/> Folio/Program<br/> <input type="checkbox"/> Grain Direction<br/> <input type="checkbox"/> Weld<br/> <input type="checkbox"/> Wrong Stock Pulled<br/> <input type="checkbox"/> Out of Sequence<br/> <input type="checkbox"/> Off-set/Set-up         </div> <div style="width: 50%;"> <input type="checkbox"/> Positioned Wrong<br/> <input type="checkbox"/> Outside Tolerance<br/> <input type="checkbox"/> Drawing<br/> <input type="checkbox"/> Finish<br/> <input type="checkbox"/> Part Lost/Missing<br/> <input type="checkbox"/> Misread         </div> </div> |                        |              |  |
| Other/Details:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |              |  |



170 - (Identify as per dwg & Stock Location: \_\_\_\_\_)  
 180 - (QC21- Final Inspection - Work Order Release)

### Job BOM

| Part / Item | Component Name      | Quantity     | Operation       | Container |
|-------------|---------------------|--------------|-----------------|-----------|
| D6101-003   | Saddle Billet, 7075 | 3 pcs (1 ea) | 100-HAAS 4 Axis | S134 199  |

### Job Allocations

| Operation       | Component Part | Required | Inventory | Allocated |
|-----------------|----------------|----------|-----------|-----------|
| 100-HAAS 4 Axis | D6101-003      | 3        | 61        | 0         |

### Part Specifications

Specifications could not be found.

Plex 3/15/19 2:38 PM Dart.lajeunesse.marie

Entered: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. \_\_\_\_\_

Route update only ☐

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                        |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------|--|
| Job: _____<br><br>Part No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/> | <b>DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/><br/>           Machining <input type="checkbox"/><br/>           Large Fab <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/><br/>           Small Fab <input type="checkbox"/><br/>           Finishing <input type="checkbox"/> </div> <div>           Eng. (Non-AW) <input type="checkbox"/><br/>           Prod. Eng. Coord. <input type="checkbox"/><br/>           Rec/Store/Packaging <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/><br/>           Water Jet <input type="checkbox"/><br/>           Supplier <input type="checkbox"/><br/>           Quality <input type="checkbox"/> </div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                        |  |
| Date :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Sequence #:                                                                                                                       | QTY Affected :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | MRB (QSI042)           |  |
| Description Work Order Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                   | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | Completed By           |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | Lead hand / Supervisor |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                        |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | QC / QA Coordinator    |  |
| <b>Root Cause</b><br><br><div style="display: flex; flex-direction: column;"> <div>Operator <input type="checkbox"/></div> <div>Manufacturing Process <input type="checkbox"/></div> <div>Equip/Tooling <input type="checkbox"/></div> <div>Handling/Presservation <input type="checkbox"/></div> <div>Material <input type="checkbox"/></div> <div>Product Improvement <input type="checkbox"/></div> <div>Process Improvement <input type="checkbox"/></div> <div>Human Factors <input type="checkbox"/></div> </div> |                                                                                                                                   | <b>FAULT CATEGORY</b><br><br><div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input type="checkbox"/> Pressure/Forced<br/> <input type="checkbox"/> Bending<br/> <input type="checkbox"/> Crushing<br/> <input type="checkbox"/> Cracks<br/> <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist<br/> <input type="checkbox"/> Marks/Chatter<br/> <input type="checkbox"/> Mislabeled         </div> <div style="width: 50%;"> <input type="checkbox"/> Contamination<br/> <input type="checkbox"/> Misaligned/off center<br/> <input type="checkbox"/> BOM/Route<br/> <input type="checkbox"/> Broken/Damage/Defect<br/> <input type="checkbox"/> Incomplete/Unclear Instructions<br/> <input type="checkbox"/> Drill Holes<br/> <input type="checkbox"/> Fit/Function         </div> <div style="width: 50%;"> <input type="checkbox"/> Power Loss/Surge<br/> <input type="checkbox"/> Folio/Program<br/> <input type="checkbox"/> Grain Direction<br/> <input type="checkbox"/> Weld<br/> <input type="checkbox"/> Wrong Stock Pulled<br/> <input type="checkbox"/> Out of Sequence<br/> <input type="checkbox"/> Off-set/Set-up         </div> <div style="width: 50%;"> <input type="checkbox"/> Positioned Wrong<br/> <input type="checkbox"/> Outside Tolerance<br/> <input type="checkbox"/> Drawing<br/> <input type="checkbox"/> Finish<br/> <input type="checkbox"/> Part Lost/Missing<br/> <input type="checkbox"/> Misread         </div> </div> |  |                        |  |
| Other/Details:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                        |  |



|                                                      |                             |
|------------------------------------------------------|-----------------------------|
| <b>DART AEROSPACE LTD</b>                            | <b>Work Order:</b> 192101   |
| <b>Description:</b> 206 Saddle, Outboard, Right side | <b>Part Number:</b> D2932-2 |
| <b>Inspection Dwg:</b> D2932 Rev. C                  | <b>Page 1 of 1</b>          |

Inspect dimensions highlighted on inspection sheet drawing D2932 Rev. C and record below:

|               |       |       |                | Recorded Actual Dimensions |       |       |   |    |      |
|---------------|-------|-------|----------------|----------------------------|-------|-------|---|----|------|
| Dim           | Min   | Max   | Go/No Go Gauge | 1                          | 2     | 3     | 4 | By | Date |
| A             | 0.100 | 0.140 |                | .115                       | .112  | .114  |   |    |      |
| B             | 0.100 | 0.140 |                | .116                       | .116  | .115  |   |    |      |
| C             | 0.100 | 0.140 |                | .115                       | .115  | .115  |   |    |      |
| D             | 0.210 | 0.230 |                | .228                       | .228  | .228  |   |    |      |
| E             | 1.245 | 1.255 |                | 1.250                      | 1.250 | 1.250 |   |    |      |
| F             | 1.245 | 1.255 |                | 1.250                      | 1.250 | 1.250 |   |    |      |
| G             | 2.495 | 2.505 |                | 2.500                      | 2.500 | 2.500 |   |    |      |
| H             | 0.510 | 0.515 |                | .510                       | .510  | .510  |   |    |      |
| I             | 1.572 | 1.582 |                | 1.577                      | 1.577 | 1.577 |   |    |      |
| J             | 2.495 | 2.505 |                | 2.500                      | 2.500 | 2.500 |   |    |      |
| K             | 0.257 | 0.262 |                | .257                       | .257  | .257  |   |    |      |
| L             | 0.312 | 0.317 |                | .312                       | .312  | .312  |   |    |      |
| M             | 0.235 | 0.240 |                | .239                       | .239  | .239  |   |    |      |
| N             | 0.100 | 0.140 |                | .121                       | .122  | .122  |   |    |      |
| O             | 0.540 | 0.560 |                | .548                       | .548  | .549  |   |    |      |
| P             | 0.490 | 0.510 |                | .500                       | .500  | .500  |   |    |      |
| Q             | 3.715 | 3.725 |                | 3.720                      | 3.720 | 3.720 |   |    |      |
| R             | 2.470 | 2.510 |                | 2.495                      | 2.495 | 2.495 |   |    |      |
| S             | 0.240 | 0.270 |                | .256                       | .254  | .254  |   |    |      |
| T             | 0.100 | 0.180 |                | .130                       | .132  | .130  |   |    |      |
| U             | 1.625 | 1.635 |                | 1.630                      | 1.630 | 1.630 |   |    |      |
| V             | 1.362 | 1.372 |                | 1.367                      | 1.367 | 1.367 |   |    |      |
| W             | 0.316 | 0.321 |                | .316                       | .316  | .316  |   |    |      |
| X             | 1.125 | 1.145 |                | 1.135                      | 1.135 | 1.135 |   |    |      |
| Y             | 1.565 | 1.585 |                | 1.575                      | 1.575 | 1.575 |   |    |      |
| Z             | 0.178 | 0.198 |                | .188                       | .188  | .188  |   |    |      |
| AA            |       |       |                |                            |       |       |   |    |      |
| AB            |       |       |                |                            |       |       |   |    |      |
| AC            |       |       |                |                            |       |       |   |    |      |
| AD            |       |       |                |                            |       |       |   |    |      |
| AE            |       |       |                |                            |       |       |   |    |      |
| AF            |       |       |                |                            |       |       |   |    |      |
| AG            |       |       |                |                            |       |       |   |    |      |
| AH            |       |       |                |                            |       |       |   |    |      |
| Accept/Reject |       |       |                |                            |       |       |   |    |      |

|                         |                                |
|-------------------------|--------------------------------|
| Measured by: <b>DAS</b> | Audited by: <i>[Signature]</i> |
| Date: 9-89 19/03/27     | Date: 19/03/27                 |

| Rev | Date     | Change                                            | Revised by                | Approved           |
|-----|----------|---------------------------------------------------|---------------------------|--------------------|
| A   |          | New Issue                                         | RF                        |                    |
| B   | 02.12.12 | Re-format; Added Dim. X-Y, DT8683, DT8686, DT8690 | KJ/RF                     |                    |
| C   | 07.03.21 | Revised per drawing revision C                    | KJ/JLM <i>[Signature]</i> | <i>[Signature]</i> |